



ATLANTA  
404•653•6400  
PALO ALTO  
650•849•6600

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L. L. P.  
1300 I STREET, N. W.  
WASHINGTON, DC 20005-3315

202 • 408 • 4000  
FACSIMILE 202 • 408 • 4400

WRITER'S DIRECT DIAL NUMBER:

202•408•4435



TOKYO  
011•813•3431•6943  
BRUSSELS  
011•322•646•0353

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**Box PATENT APPLICATION**  
**Assistant Commissioner for Patents**  
**Washington, DC 20231**

New U.S. Patent Application

Title: METHODS AND SYSTEMS FOR ADAPTATION, DIAGNOSIS,  
OPTIMIZATION, AND PRESCRIPTION TECHNOLOGY FOR  
NETWORK BASED APPLICATIONS

Inventors: Douglas K. WYATT, Barry HAYES, and Scott MCGREGOR

Sir:

We enclose the following papers for filing in the United States Patent and Trademark Office in connection with the above patent application.

1. Application - 25 pages, including 4 independent claims and 24 claims total.
2. Drawings - 5 sheets of drawings (Figures 1, 2, 3, 4a, and 4b).

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June 29, 2001

Page 2

3. The filing fee is calculated as follows:

|   |                  |   |       |              |        |             |
|---|------------------|---|-------|--------------|--------|-------------|
| Basic Application Filing Fee                                    |                  |   |       |              | \$710  | \$ \$710.00 |
|   | Number of Claims |   | Basic | Extra Claims |        |             |
| Total Claims  | 24               | - | 20    | 4            | x \$18 | 72.00       |
| Independent Claims  | 4                | - | 3     | 1            | x \$80 | 80.00       |
| <input type="checkbox"/> Presentation of Multiple Dep. Claim(s) |                  |   |       |              | +\$270 | 0.0         |
| Subtotal  |                  |   |       |              |        | \$ 862.00   |
| Reduction by 1/2 if small entity                                |                  |   |       |              |        | - 0.0       |
| TOTAL APPLICATION FILING FEE                                    |                  |   |       |              |        | \$ 862.00   |

4. A check for \$\_\_\_\_\_ is enclosed. The fee includes:

\$710.00 - filing fee; and

\$152.00 - additional claims fee.

Applicants claim the right to priority based on Provisional Patent Application No. 60/215,321 filed June 30, 2000.

Please address all correspondence with respect to this application to:

Finnegan, Henderson, Farabow,  
Garrett & Dunner, L.L.P.  
1300 I Street, N.W.  
Washington, D.C. 20005-3315

This application is being filed under the provisions of 37 C.F.R. § 1.53(f). Applicants await notification from the Patent and Trademark Office of the time set for filing the Declaration.

Please accord this application an application number and filing date.

No filing fee is being paid at this time. With the exception of the filing fee, the Commissioner is hereby authorized to charge any fees due, including fees under 37 C.F.R. § 1.16 or § 1.17, during the pendency of this application to our Deposit Account No. 06-0916.

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June 29, 2001

Page 3

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

By: 

Donald D. Min  
Reg. No. 47,796

LXS/DDM/bad  
Enclosures

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